

FIG. 1D

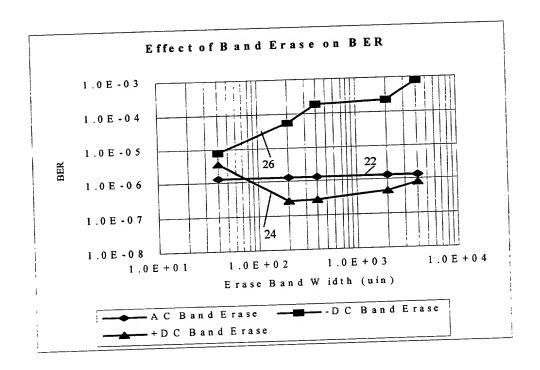


FIG. 3A - Effect of Band Erase on BER

2.11

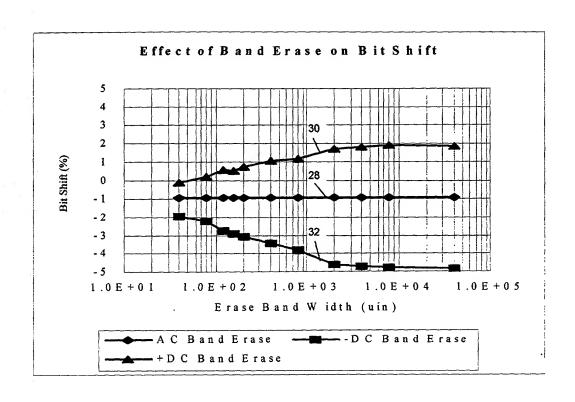


FIG. 3B - Effect of Band Erase on Transition Shift

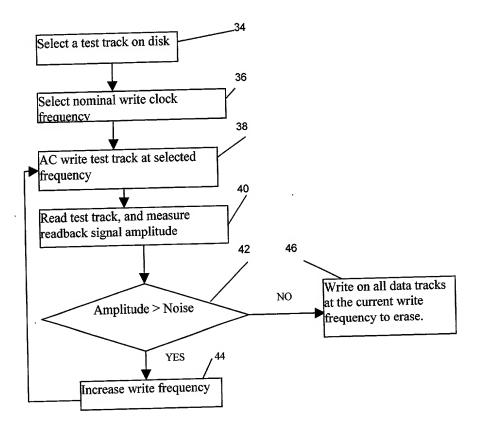


FIG. 4A

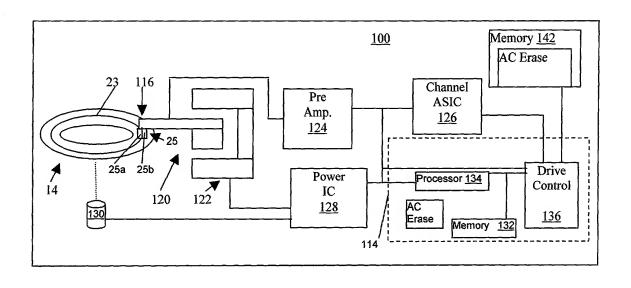
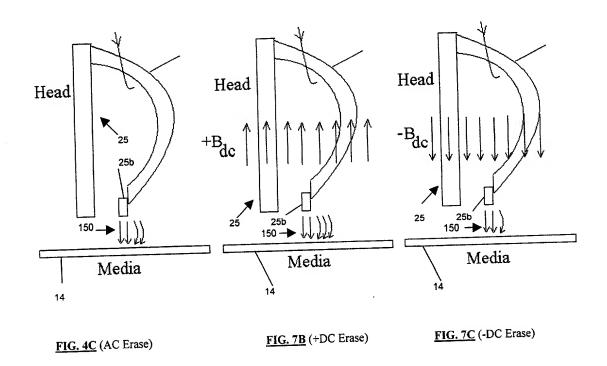


FIG. 4B



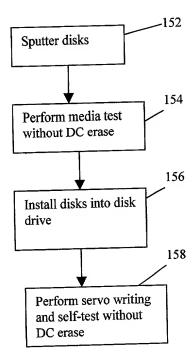
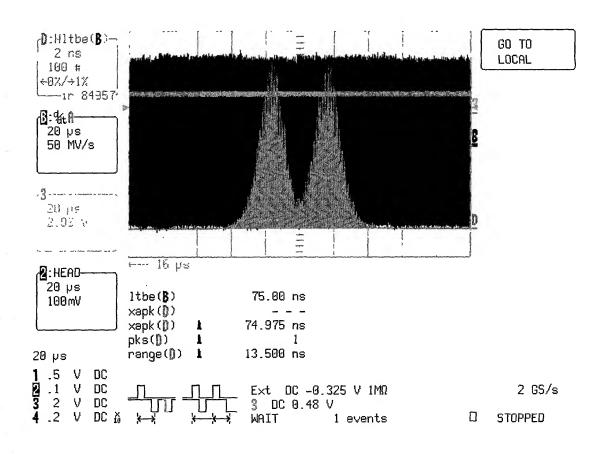


FIG. 5



<u>FIG. 6A</u> (Prior Art) - Readback signal timing histogram of differentiated data written after a conventional DC band erase.

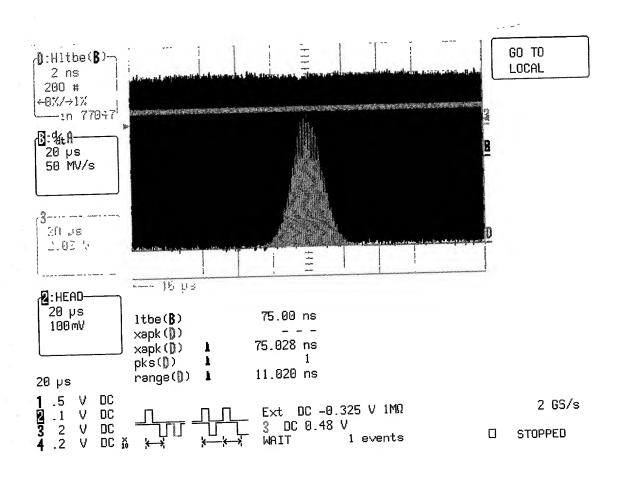


FIG. 6B - Read back signal measurement for a track written on as-received media from disk sputtering process without any net magnetization, wherein timing asymmetry is eliminated.

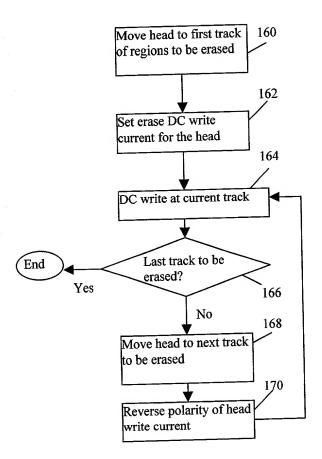
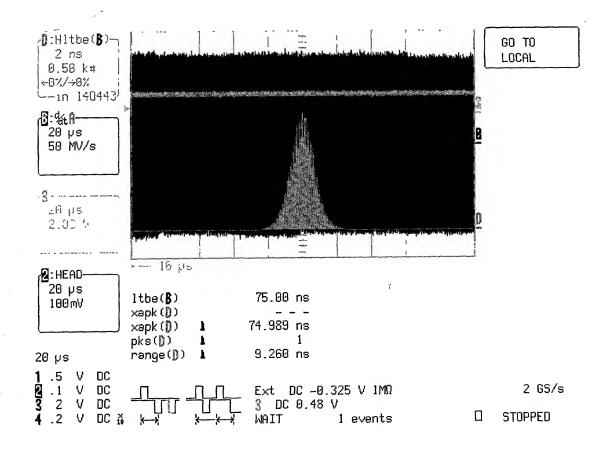


FIG. 7A



<u>FIG. 7D</u> - Measurement of data written on media preconditioned by DC erasing with alternate polarity on adjacent tracks, wherein timing asymmetry is eliminated.